

METHODS AND COMPOSITIONS FOR ENHANCING NEURON GROWTH AND SURVIVAL

ABSTRACT

5 Pharmaceutical compositions of NF-AT agonists may be used to promote nerve
regeneration or to reduce or inhibit secondary nerve degeneration which may otherwise follow
primary CNS or PNS injury, e.g., trauma (e.g., blunt trauma, penetrating trauma), compression
[e.g., compression due to tendons and/or inflamed synovial membrane such as in carpal tunnel
syndrome], bones [for instance sciatica], or growths [benign or cancerous, including growth of
10 the nerves themselves or of surrounding tissue]) hemorrhagic stroke, ischemic stroke or damages
caused by surgery such as tumor excision. In certain embodiments, NF-AT agonists may be
used to treat spinal cord injuries and promote nerve grafts.